



**Fig. S8. Overexpression of the TICRR-8A mutant inhibits DNA Synthesis in HeLa cells. (A)** EdU incorporation and DNA content were measured by flow cytometry in HeLa parental cells and in cells expressing the EGFP-2A-TICRR or EGFP-2A-TICRR-8A transgene. **(B)** Quantification of replicate data from (A). EdU signal intensity was normalized to that of HeLa cells (mean  $\pm$  s.d. \*\*  $P=0.002$  for HeLa vs. EGFP-2A-TICRR, unpaired t-test; \*\* $P=0.005$  for HeLa vs. EGFP-2A-TICRR-8A, unpaired t-test). **(C)** Immunoblotting for nuclear TICRR protein or a loading control (BAF180) in parental HeLa cells or HeLa cells overexpressing wildtype TICRR or the TICRR-8A mutant.